



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Sunday May 30, 2021

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh

Summary of the Upcoming Week



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- **Heavy rain/flash flooding possible today and Monday over OK and NW TX.**
- **Slight risk of severe weather today over E NM, the TX/OK Panhandles, and W TX; damaging winds, large hail and a few tornadoes possible.**
- **Severe storm focus shifts on Monday to over SE NM and SW TX; Enhanced risk over the Big Bend of TX.**
 - **Destructive winds, very large hail and tornadoes all possible.**
- **Ongoing minor to moderate river flooding in TX & LA, new rises possible with rainfall over the next several days.**

FEMA Region 6 Threat Matrix

May 30, 2021 - Jun 3, 2021



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DAY / THREAT	Sun	Mon	Tue	Wed	Thu
Severe Storms	E NM, WTX, TX/OK Panhandles	TX Big Bend SE NM, SW TX	AR, NE LA, TX, E NM	OK, N TX, AR	
Heavy Rain / Flash Flooding	W OK, TX/OK Panhandles, NW TX	OK, NW TX	E OK, TX, AR	OK, N TX, AR	
Fire Weather	NM				
Tropical Winds / Surge					
Winter Weather					
River Flooding	TX AR, LA	TX OK, AR, LA	TX OK, AR, LA	TX OK, AR, LA	TX OK, AR, LA

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.

Tropical Weather Outlook – Atlantic/Gulf



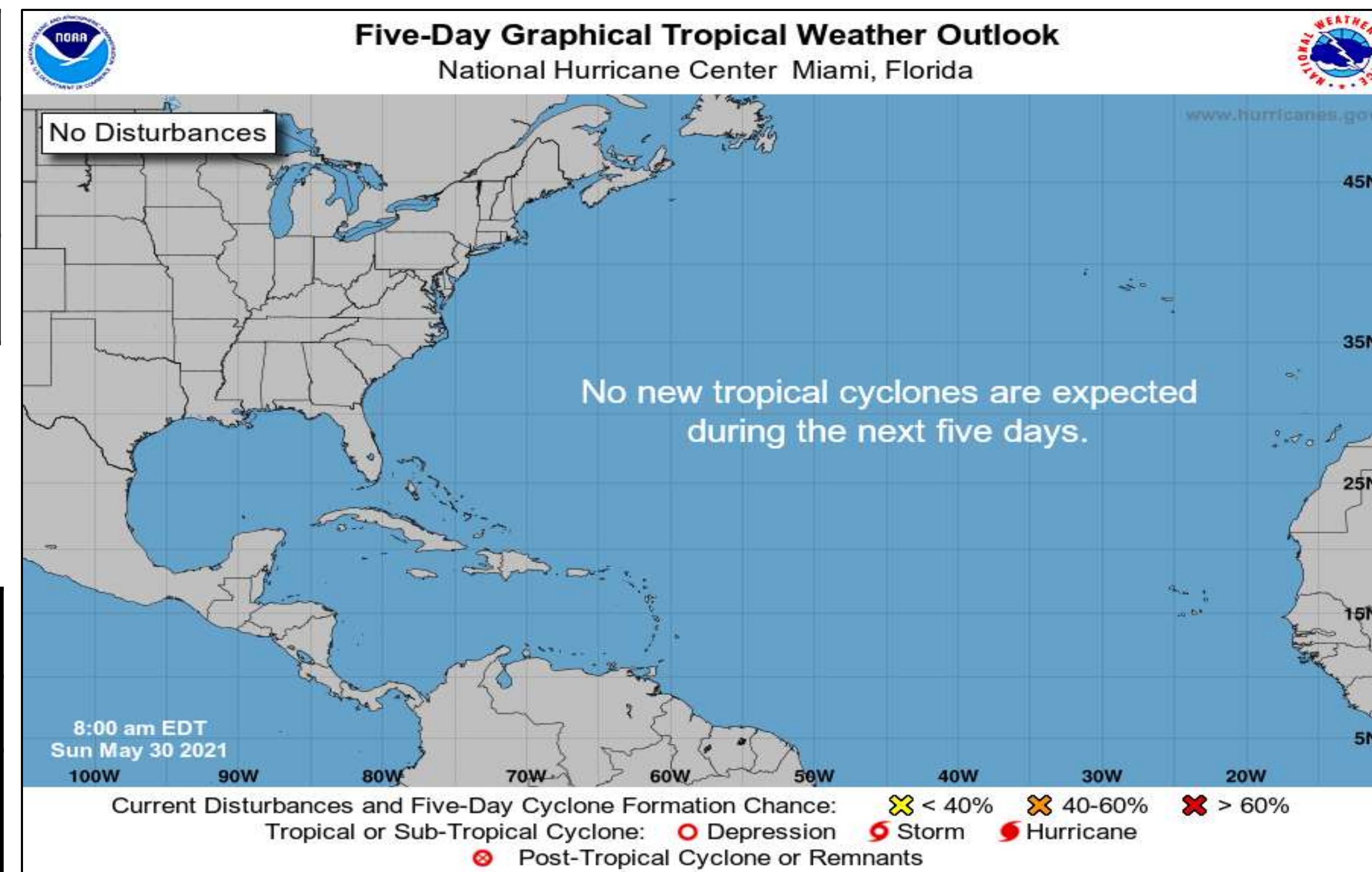
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Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
-		

Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
-	

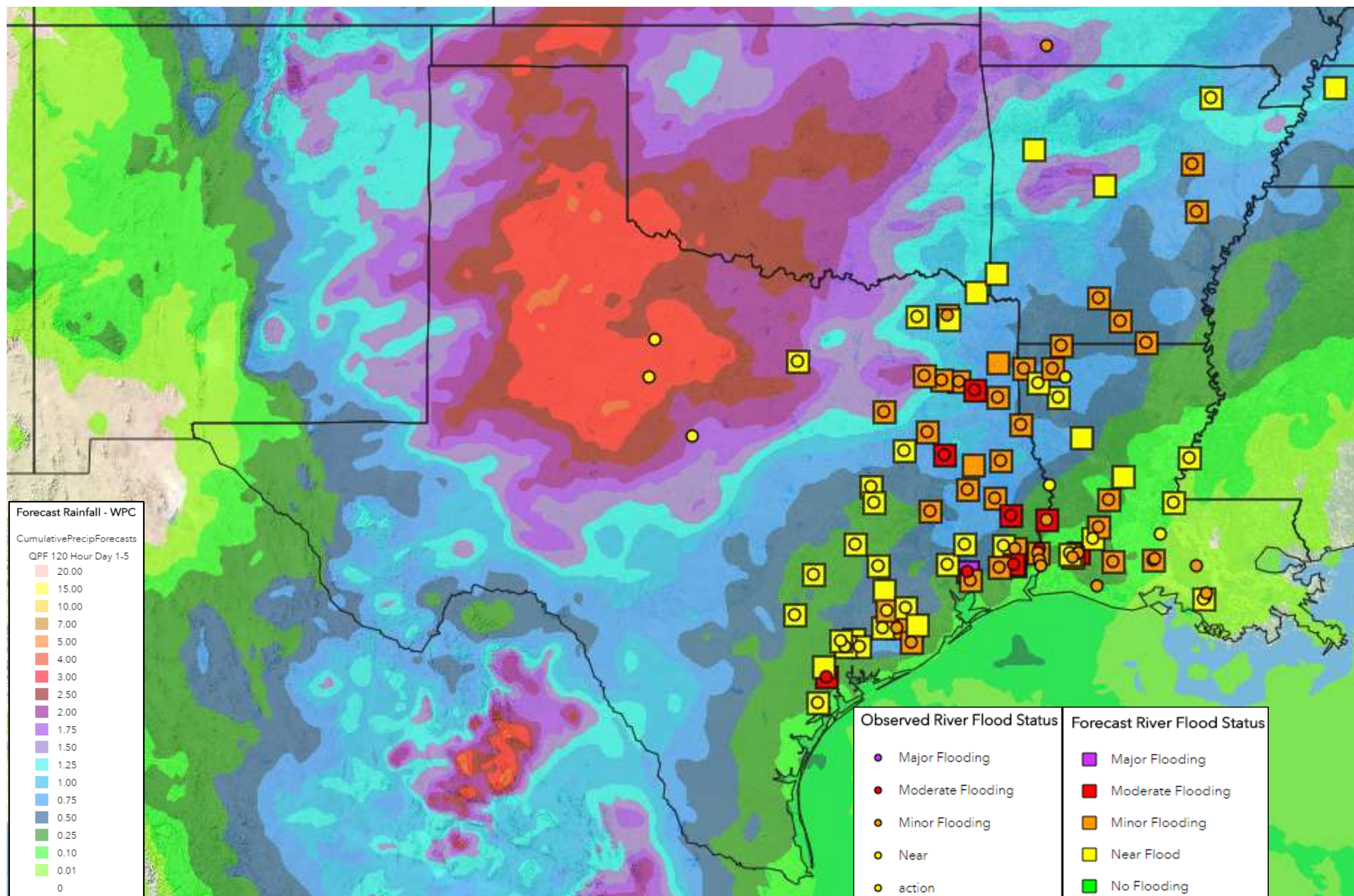


5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



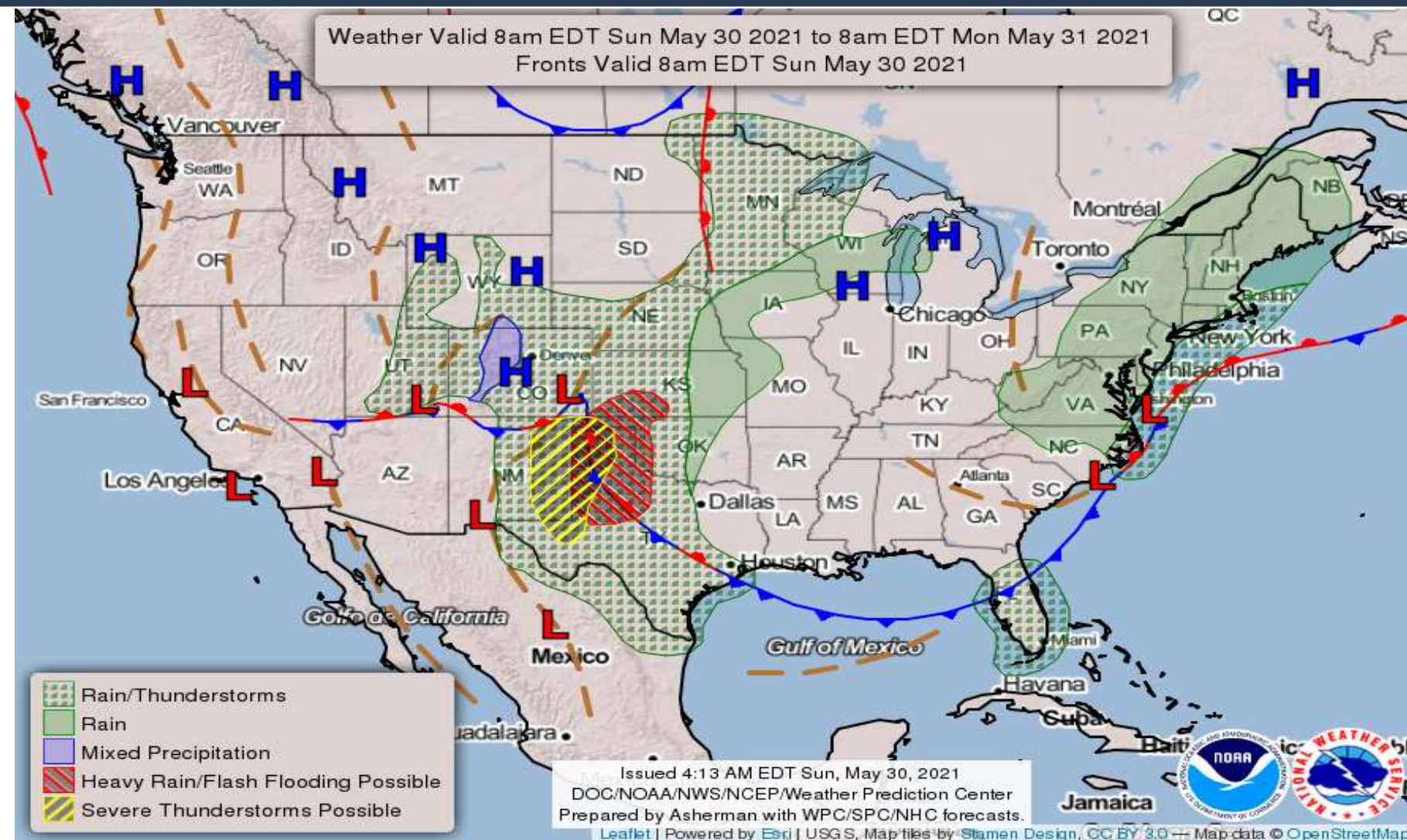
- The Trinity River at Liberty, TX will remain close to major flood stage through mid-week; homes in several subdivisions above Liberty may flood.
- Several points on the Neches River are in moderate flood; near Town Bluff, homes in the Barlow Lake community may flood.
- Points on the Sabine River in NE TX will continue to slowly fall. On the lower Sabine River near Bon Weir, the river is still slowly rising with impacts mainly to roads and lowland areas.
- The Guadalupe River near Bloomington is currently falling, but a secondary crest is expected Tuesday/Wednesday with impacts mainly to secondary roads.

Minor river flooding continues across AR and LA with flooding of agricultural, recreational areas and secondary roads.

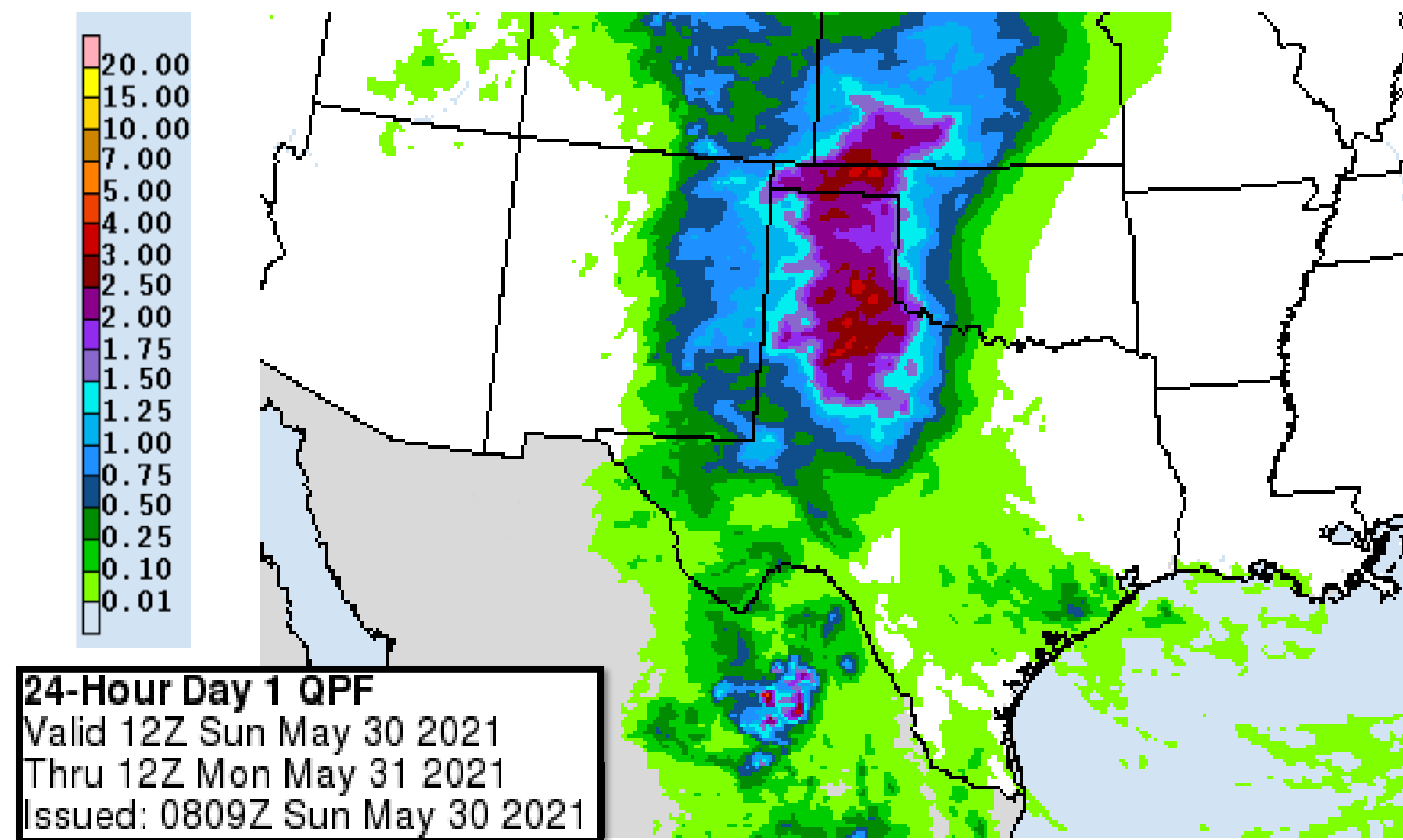
Rainfall in OK and TX may result in new river flooding, especially today and Monday.

Today's Weather

Forecast Chart



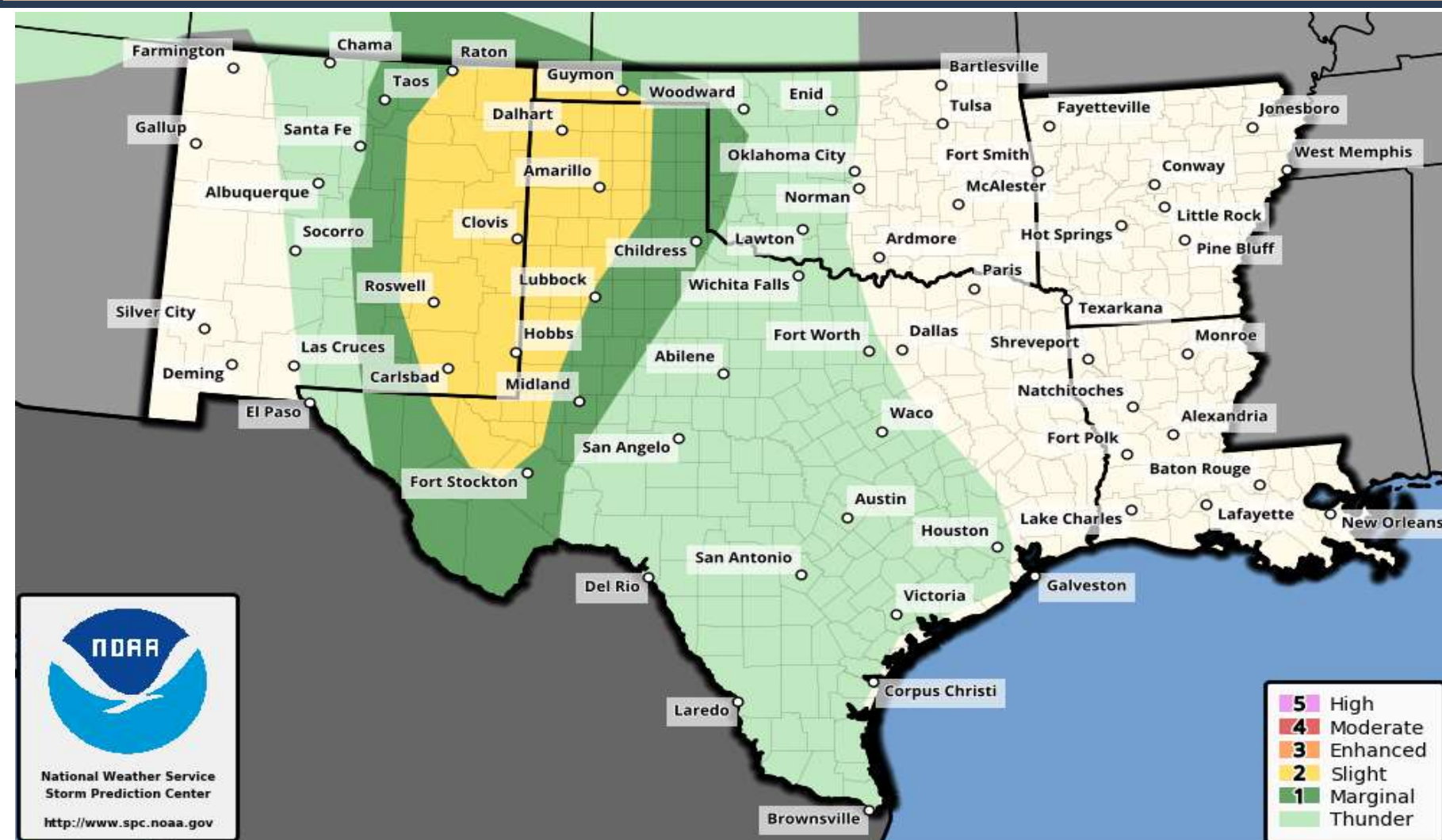
Forecast Rainfall



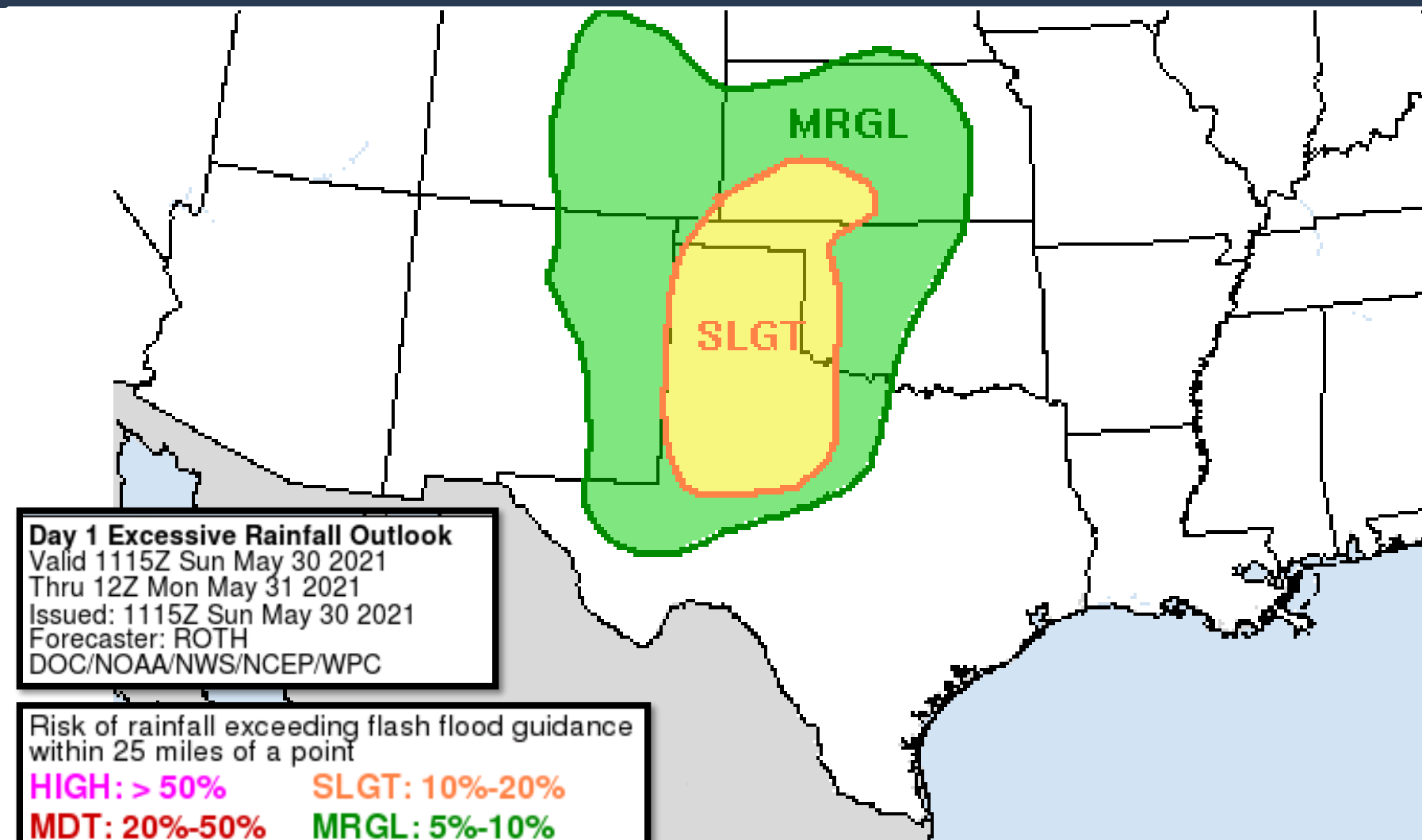
Slight risk of severe storms over E NM, the TX/OK Panhandles, and W TX; damaging winds, hail and a few tornadoes possible.

Heavy rain/flash flooding possible over the TX/OK Panhandles, TX South Plains and W OK.

Severe Weather Outlook



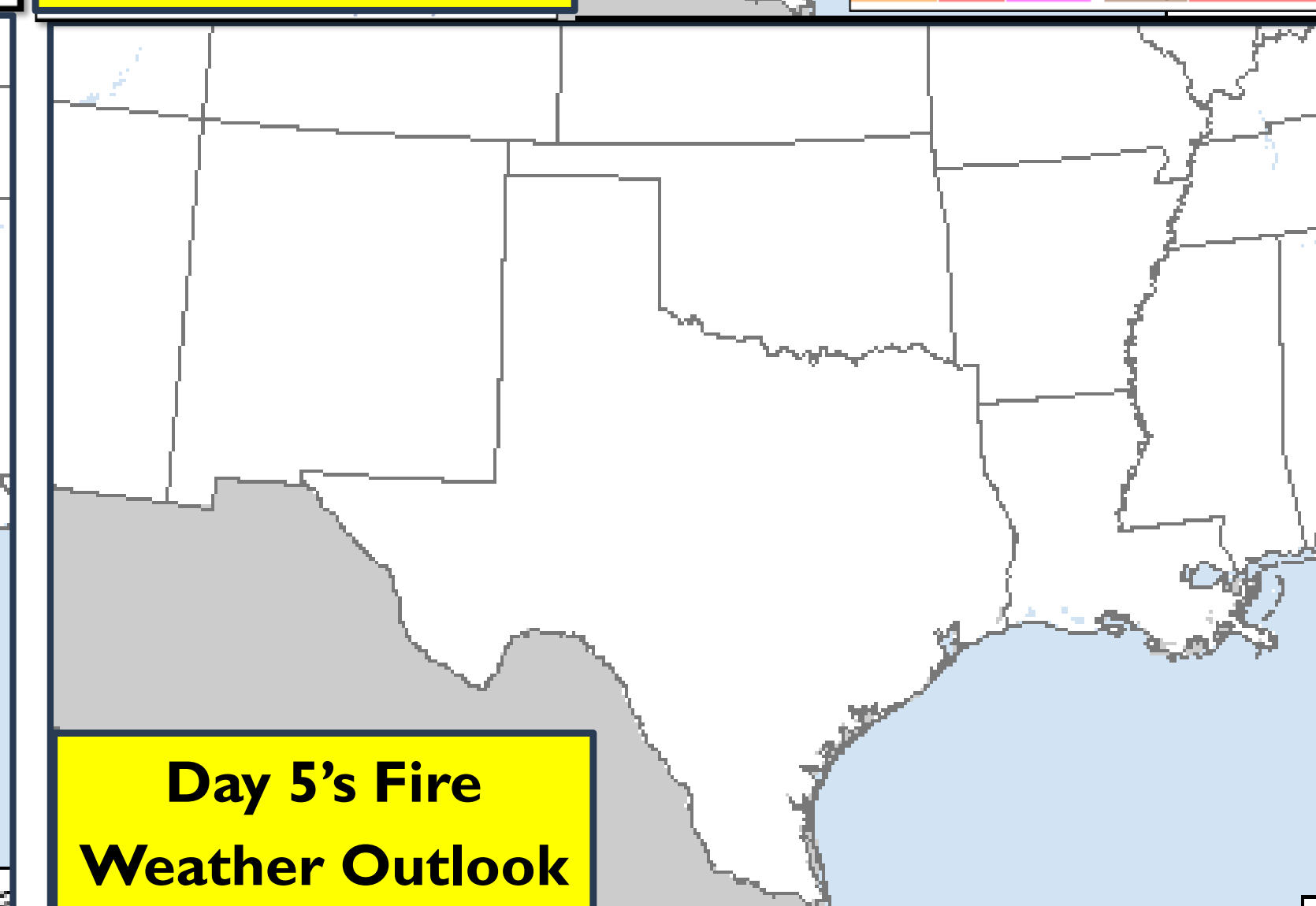
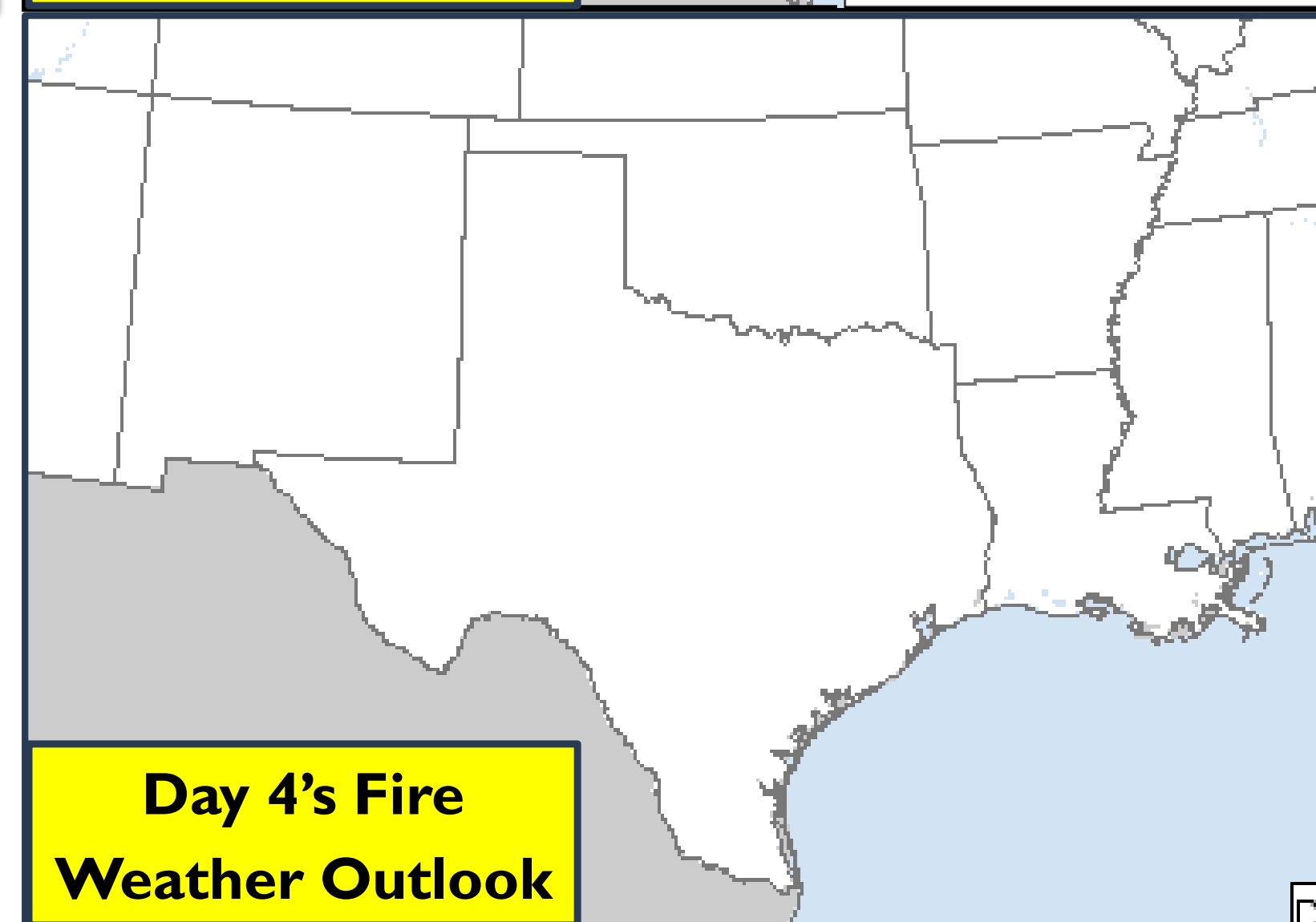
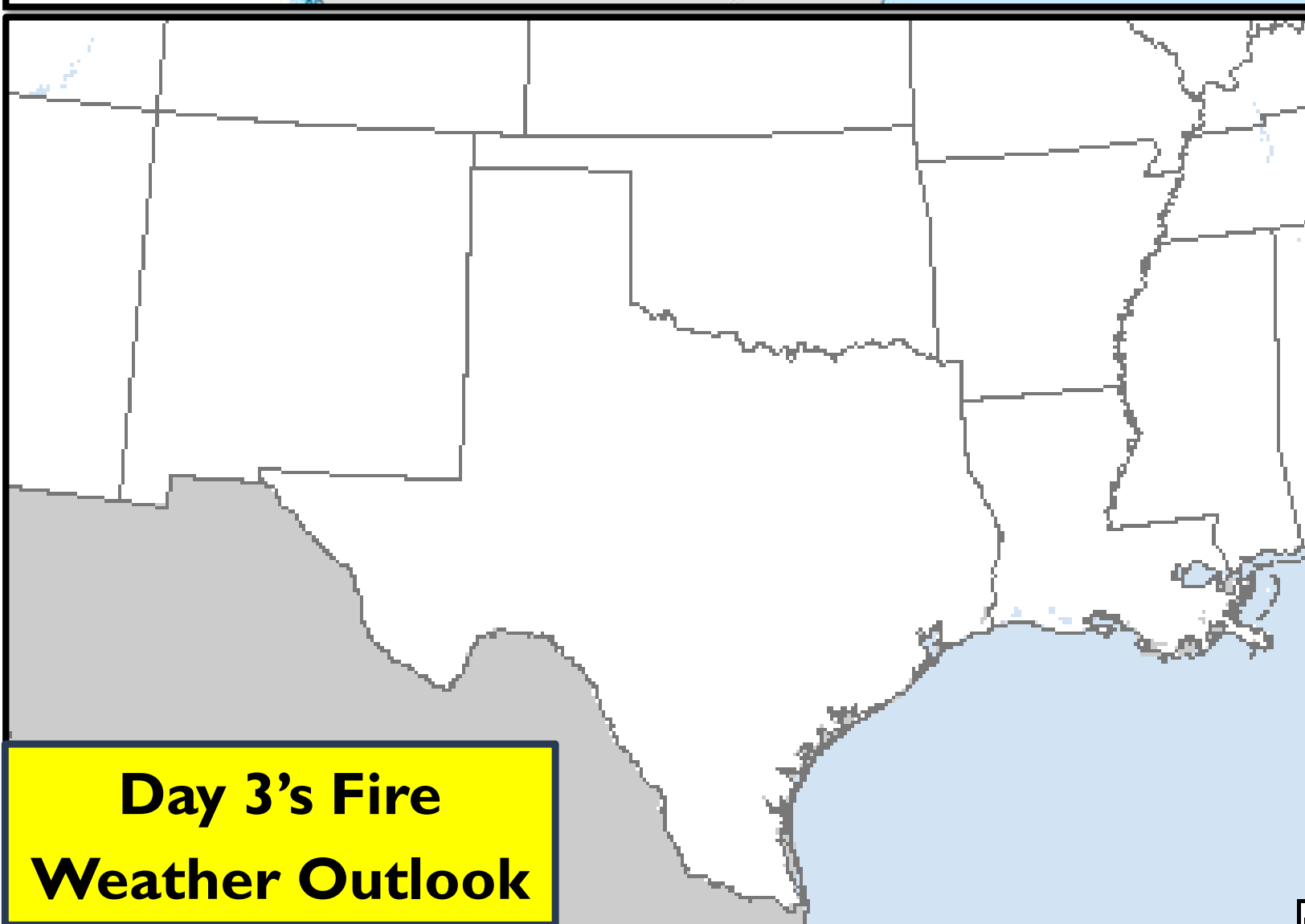
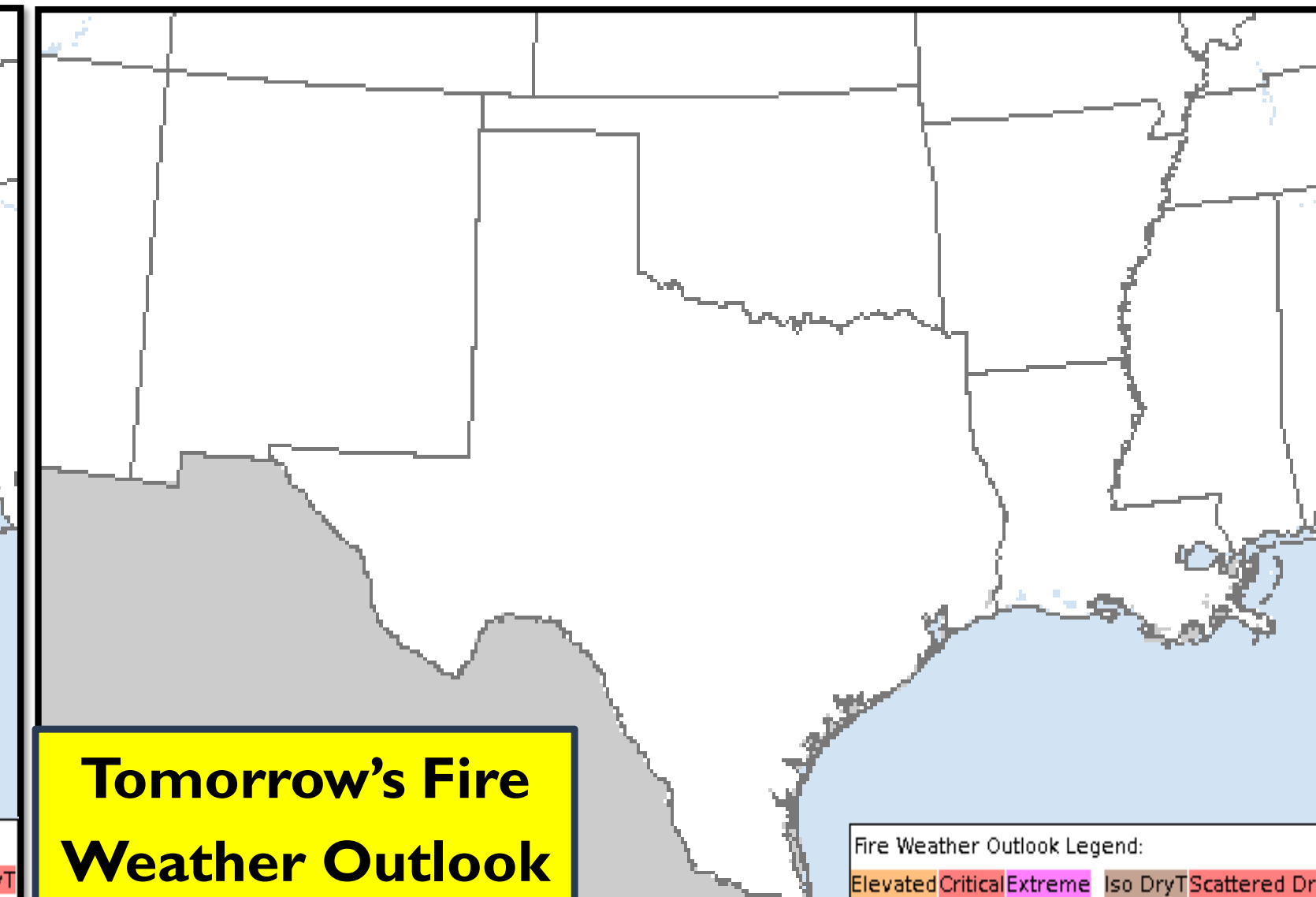
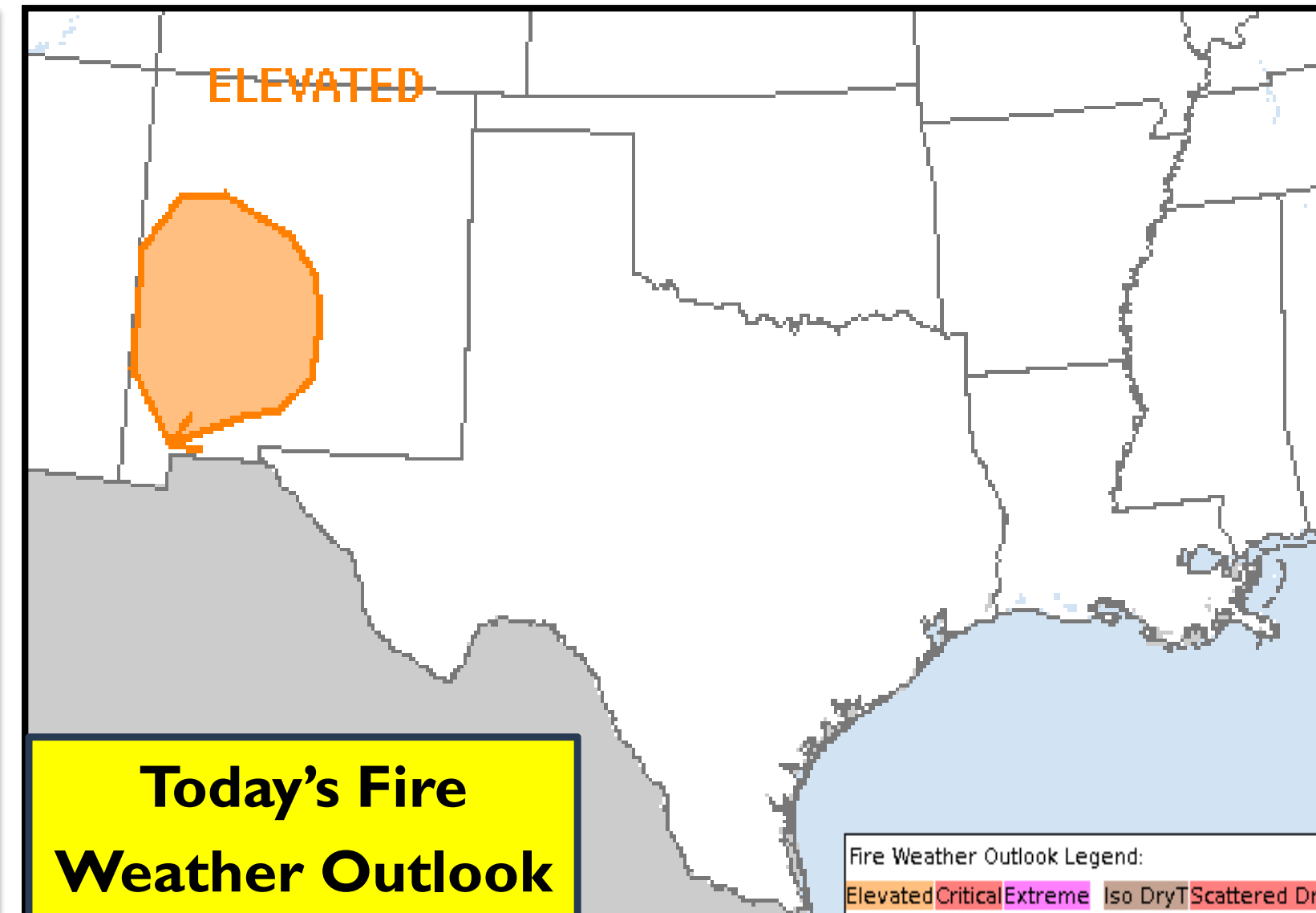
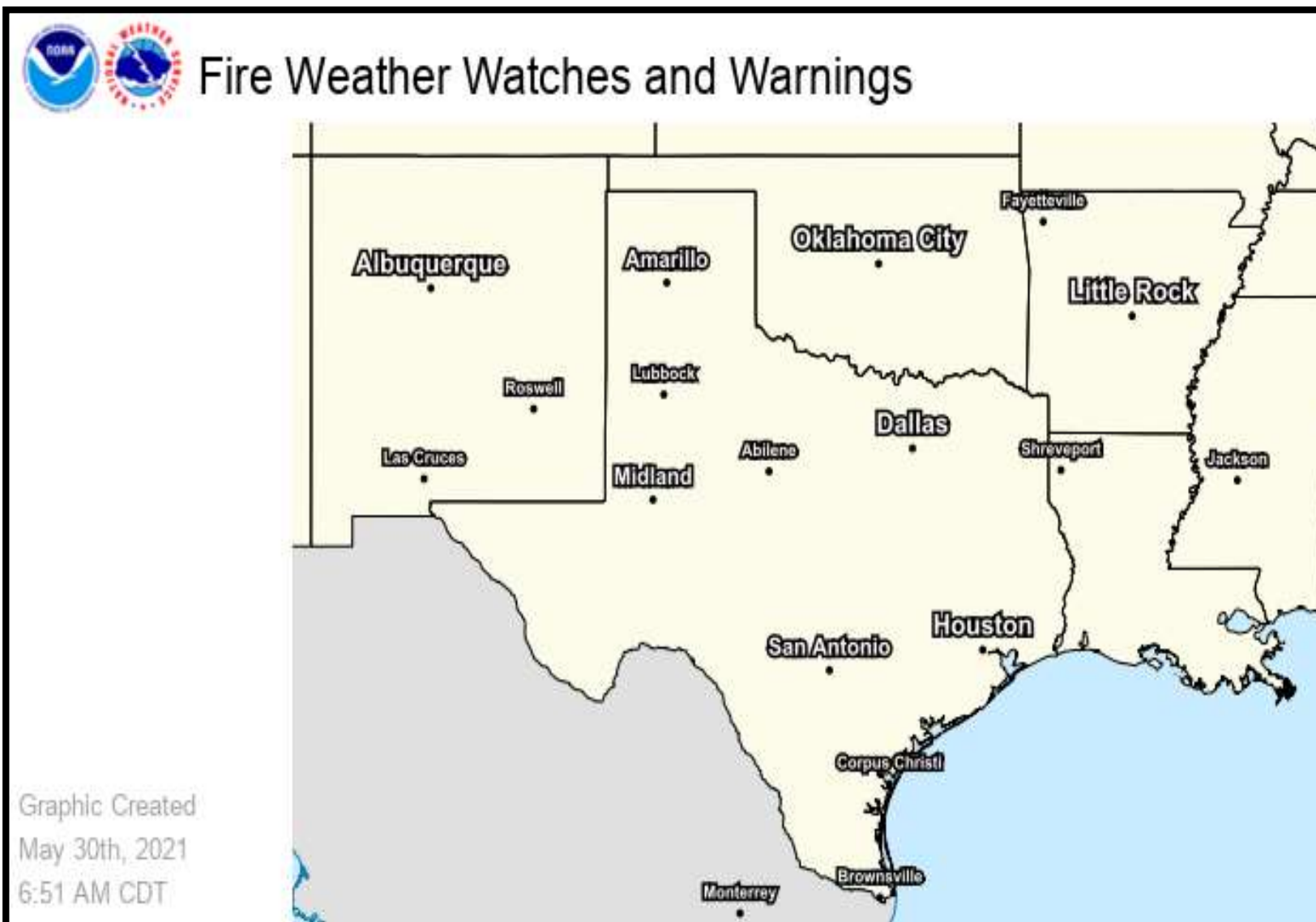
Excessive Rainfall Outlook



Fire Weather Outlooks



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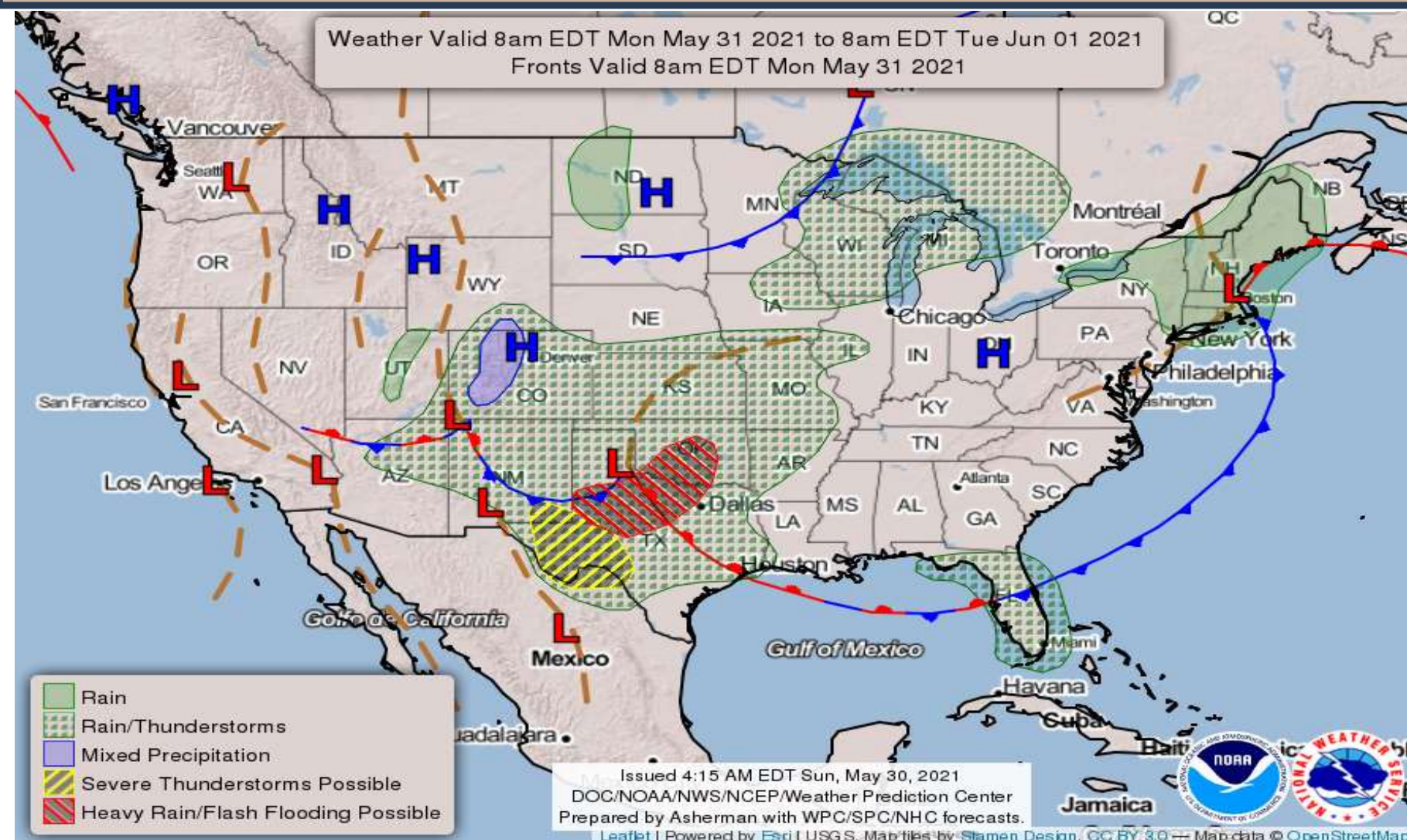


Tomorrow's Weather

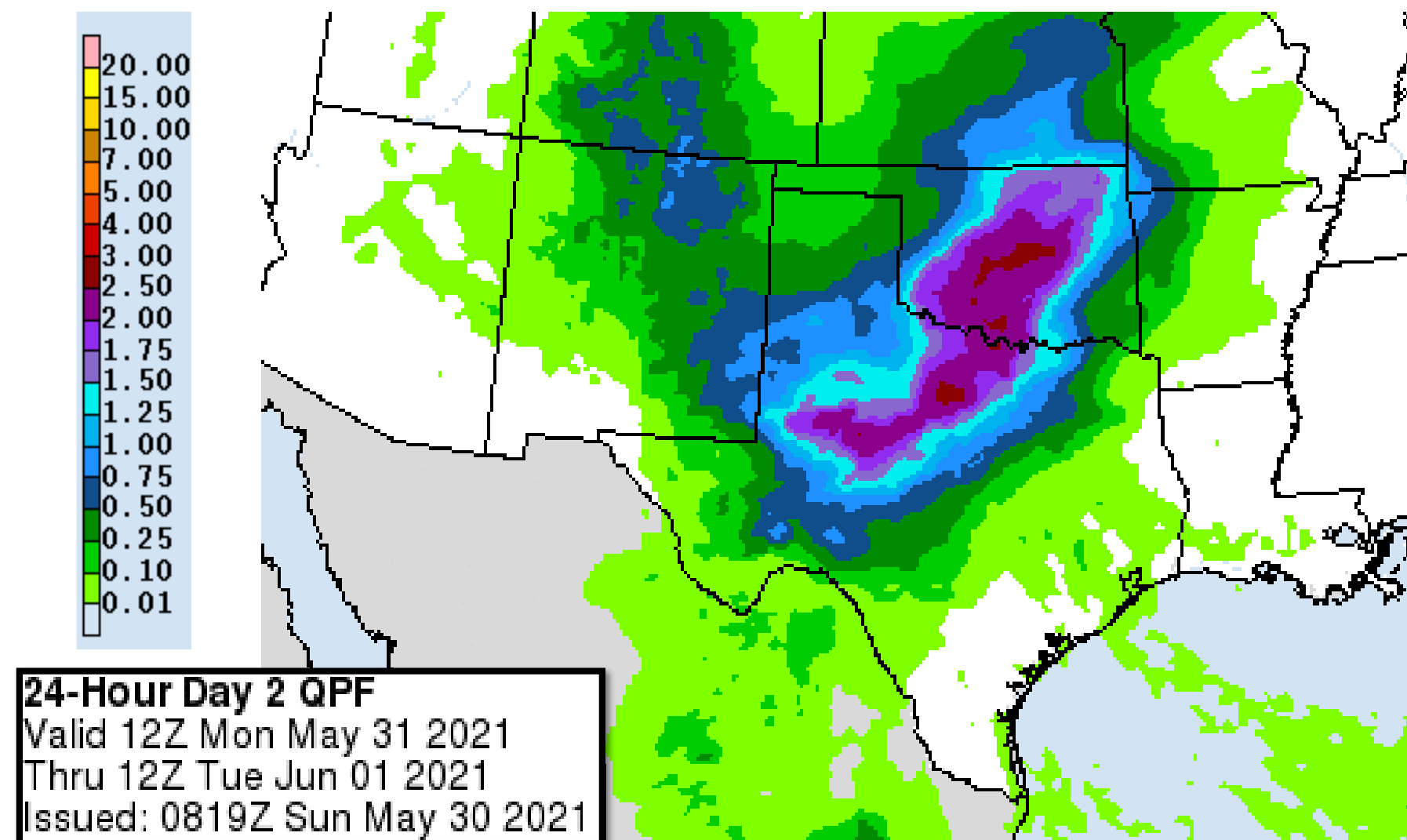


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Forecast Chart



Forecast Rainfall

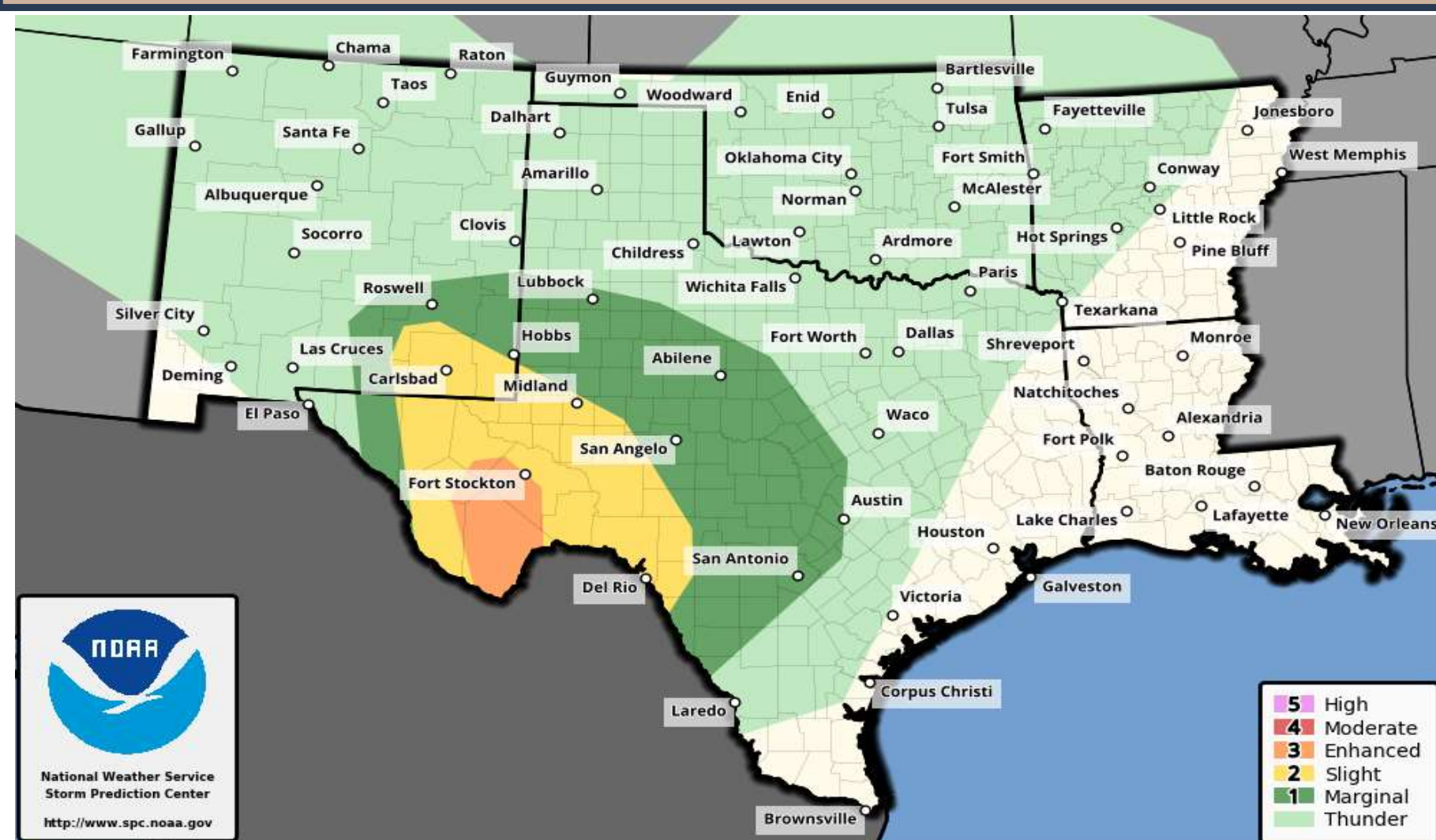


Enhanced risk of severe storms over the Big Bend of Texas; destructive winds, very large hail and tornadoes all possible.

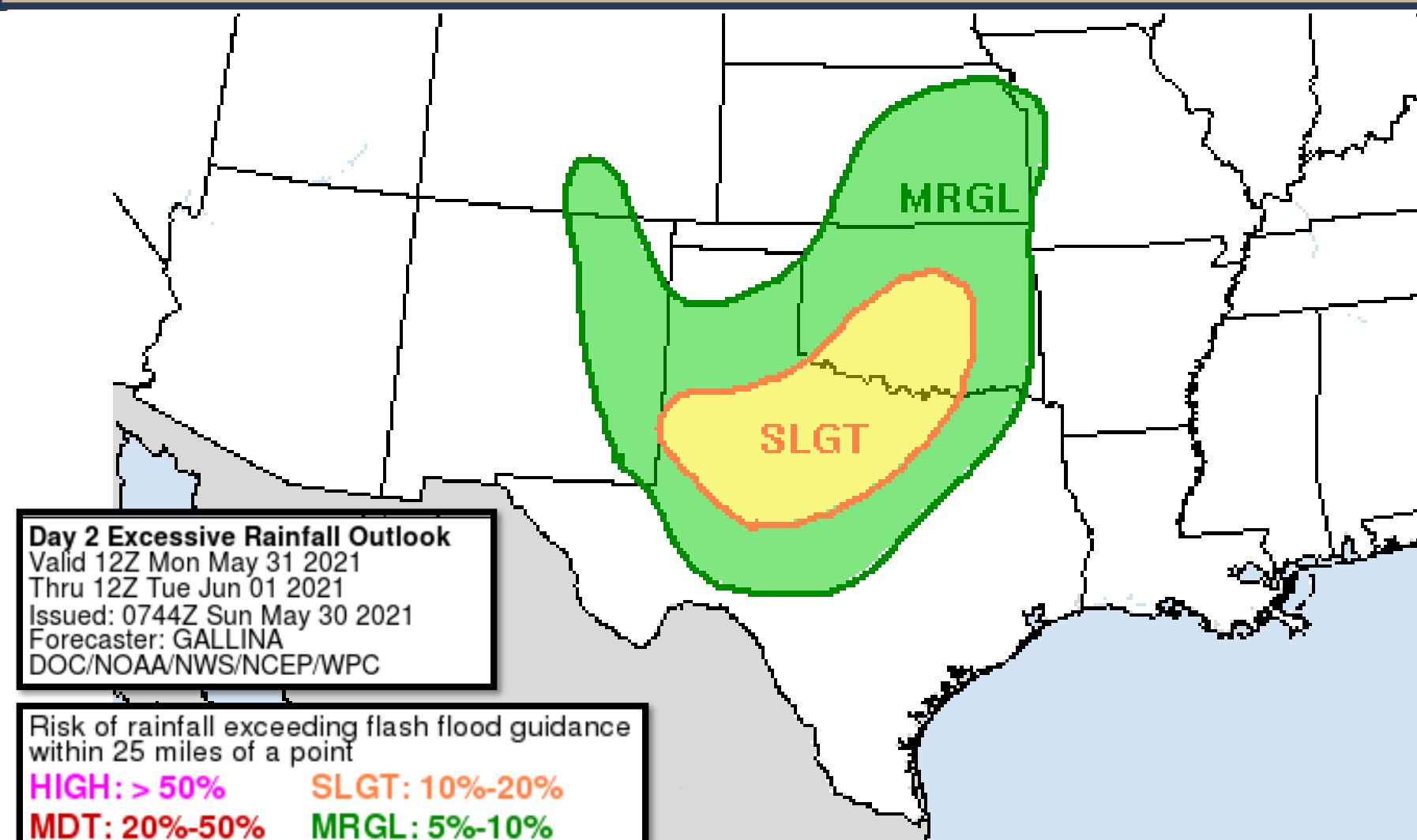
Slight risk of severe storms from SE NM through SW TX; damaging winds, large hail and a few tornadoes are possible.

Heavy rain / flash flooding possible over OK & NW TX.

Severe Weather Outlook

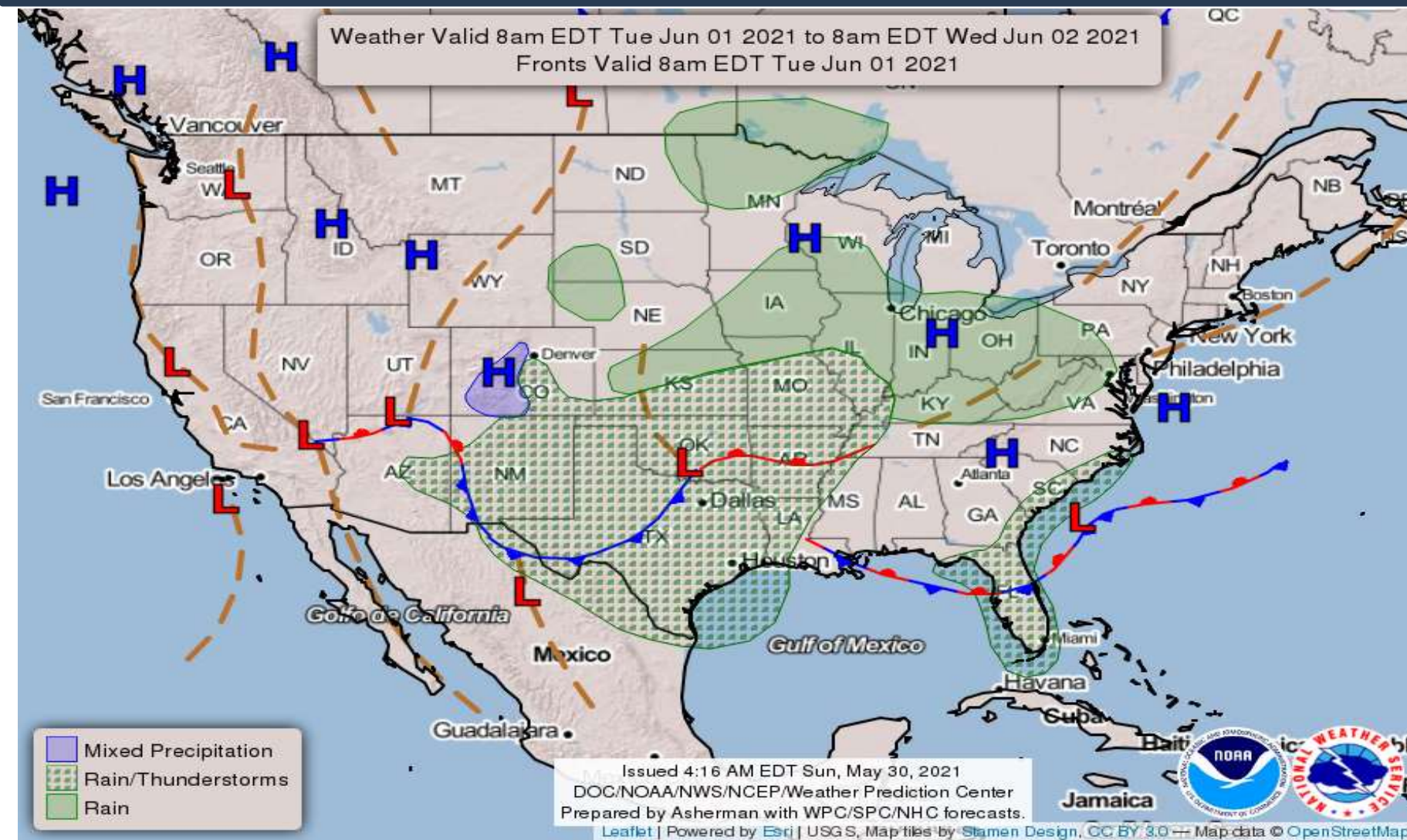


Excessive Rainfall Outlook

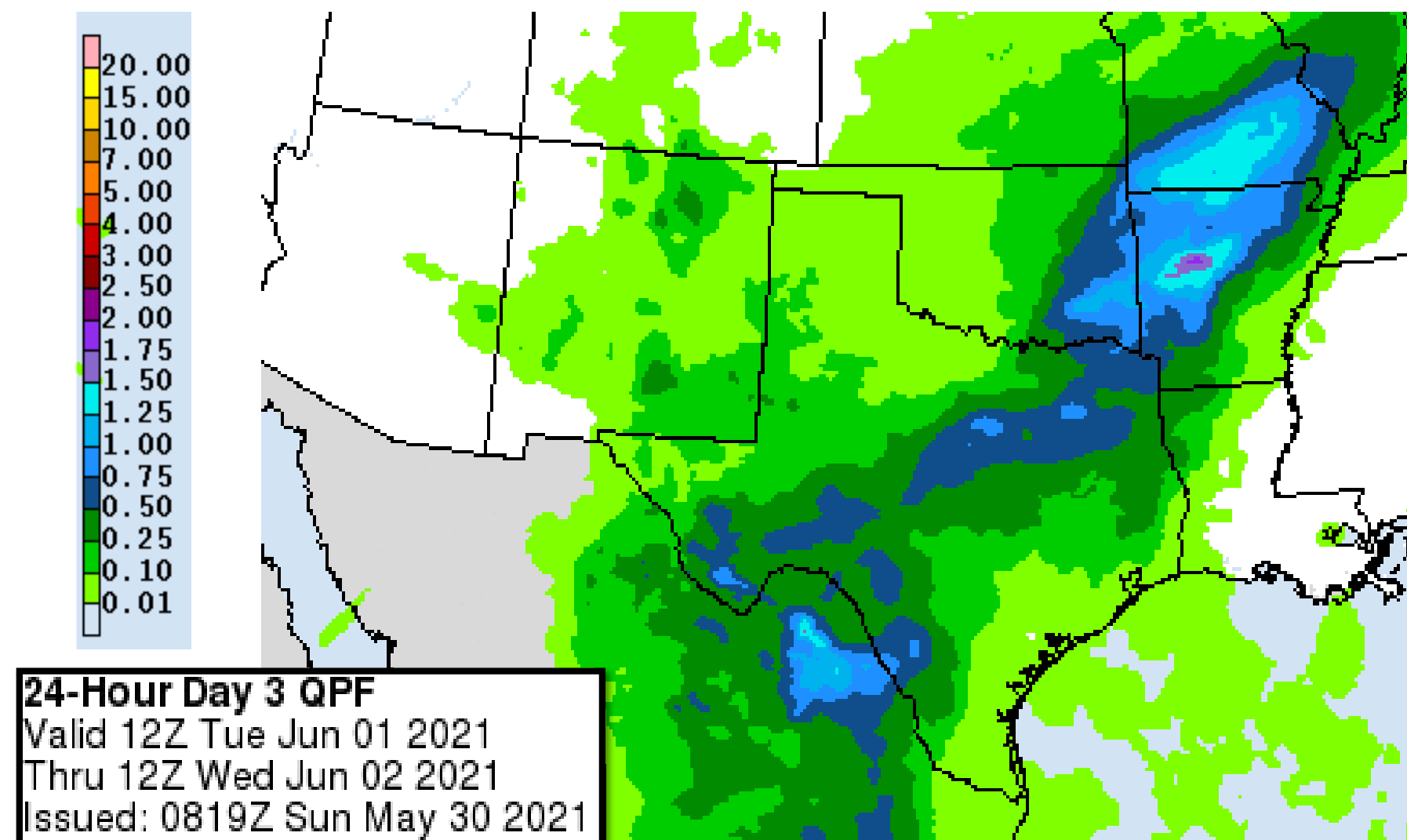


Tuesday's Weather

Forecast Chart

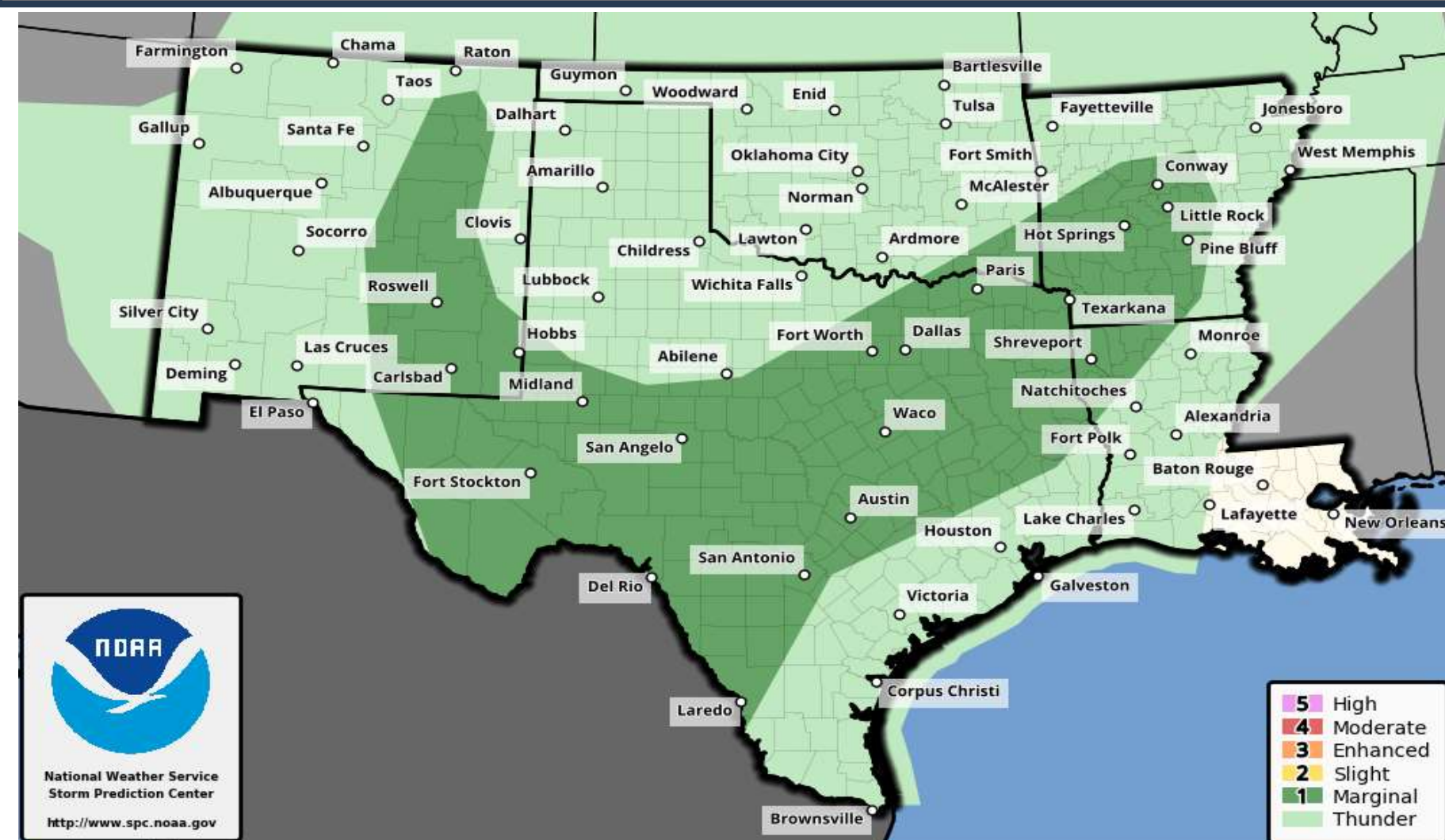


Forecast Rainfall

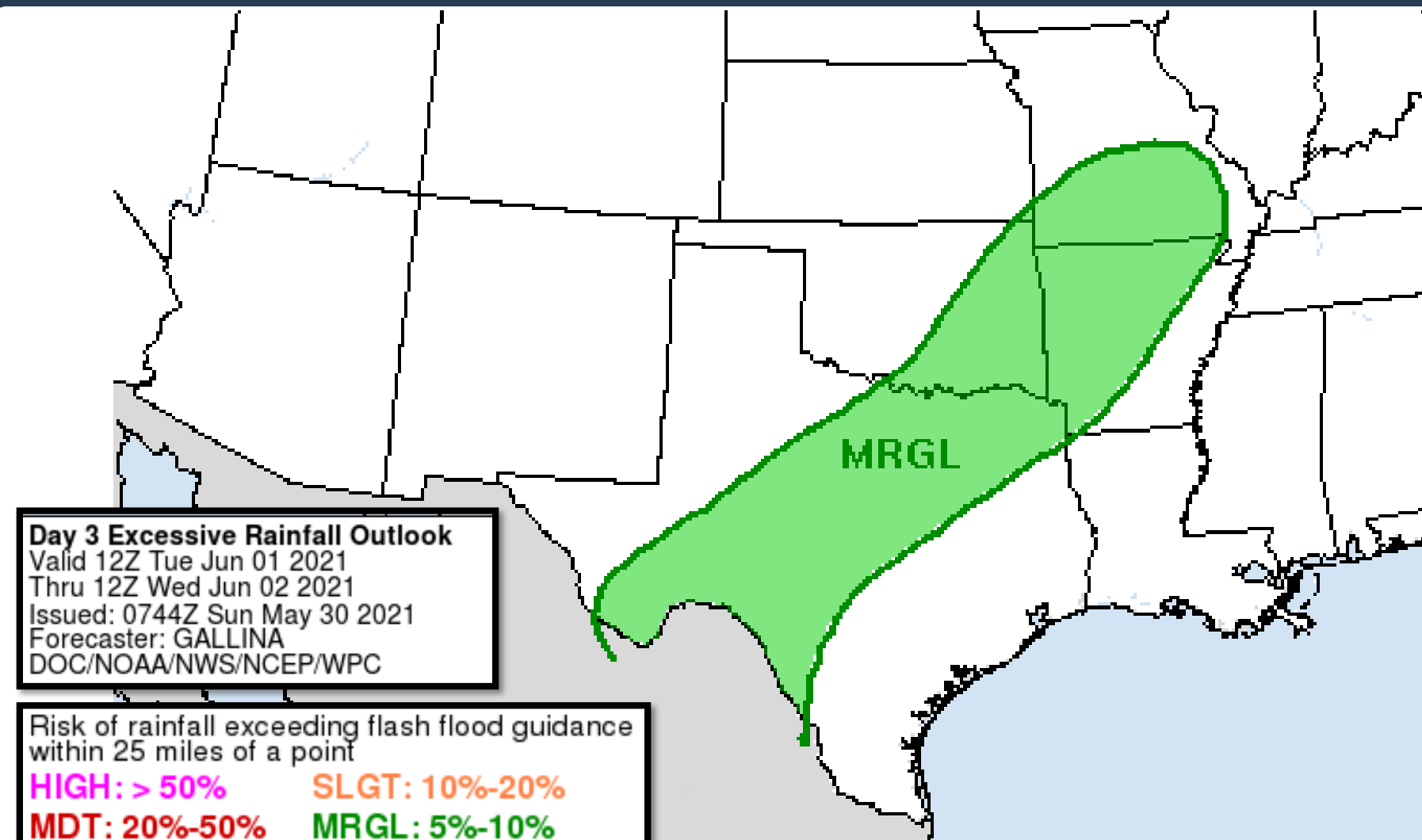


Strong storms possible from AR into NE LA, TX and E NM; isolated large hail and wind gusts are the primary hazards.

Severe Weather Outlook



Excessive Rainfall Outlook



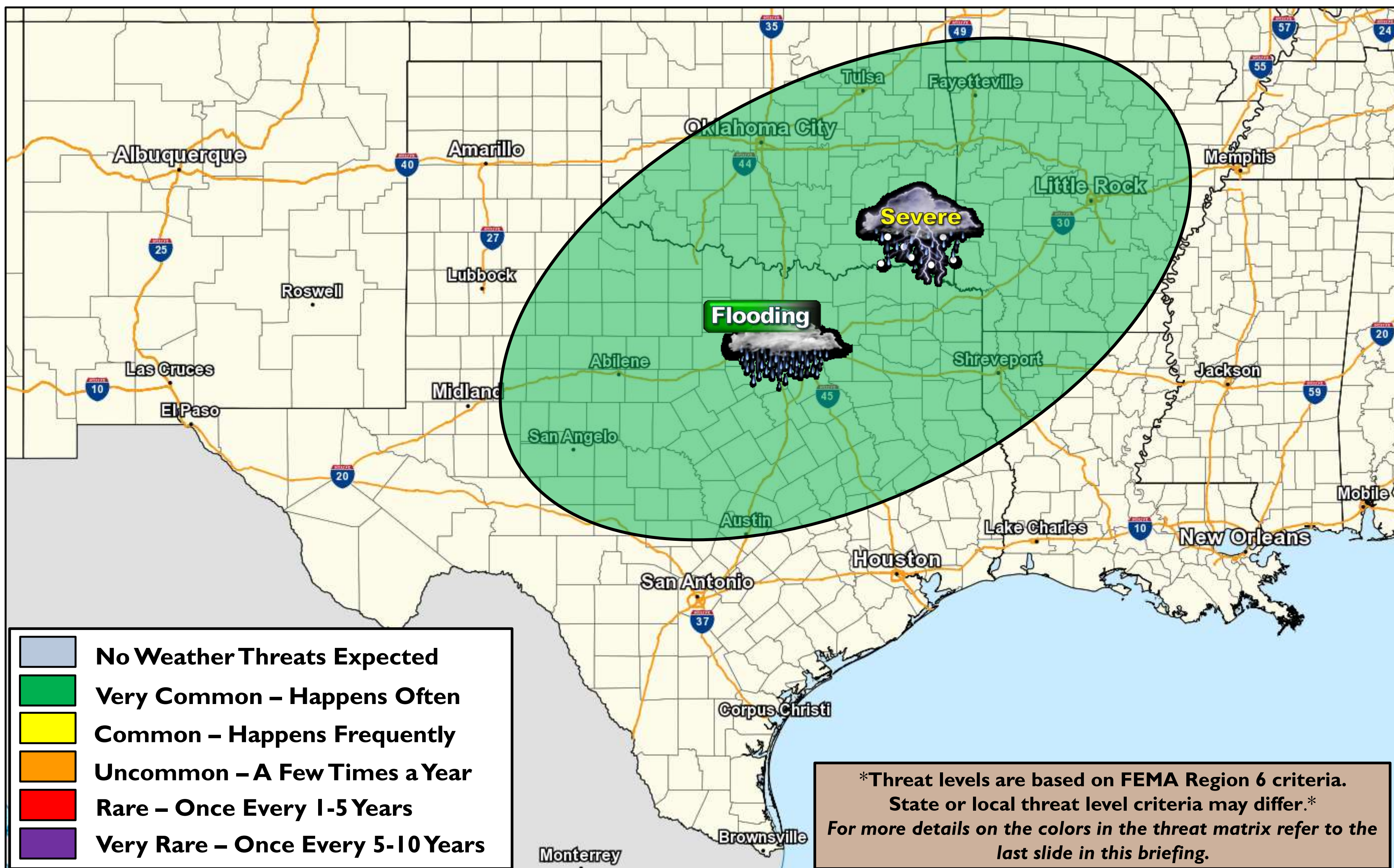
Days 4-5 Weather Hazards

Wednesday - Thursday



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Heavy rain and severe storms may be possible on Wednesday.

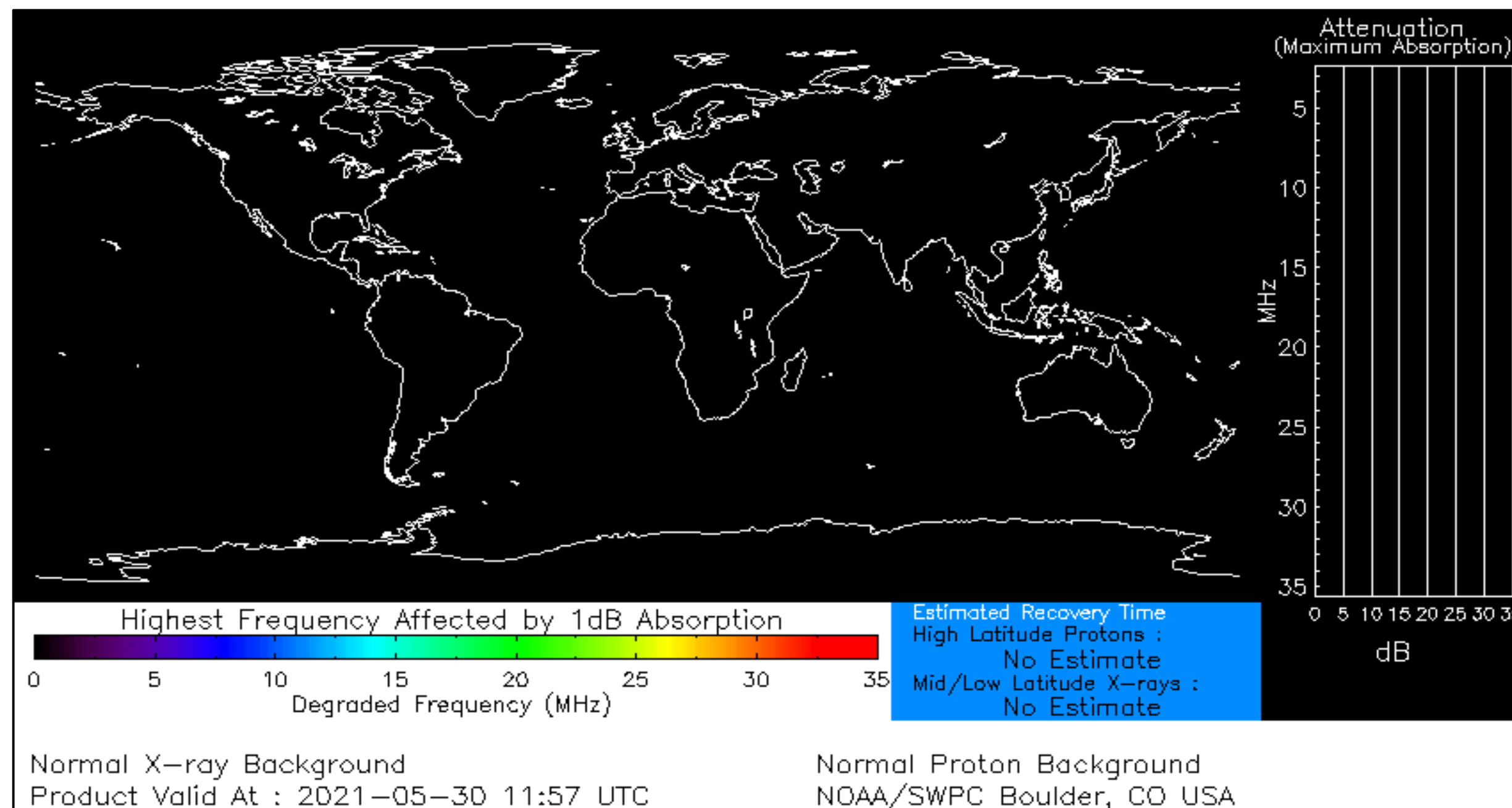


Space Weather 3-Day Forecast



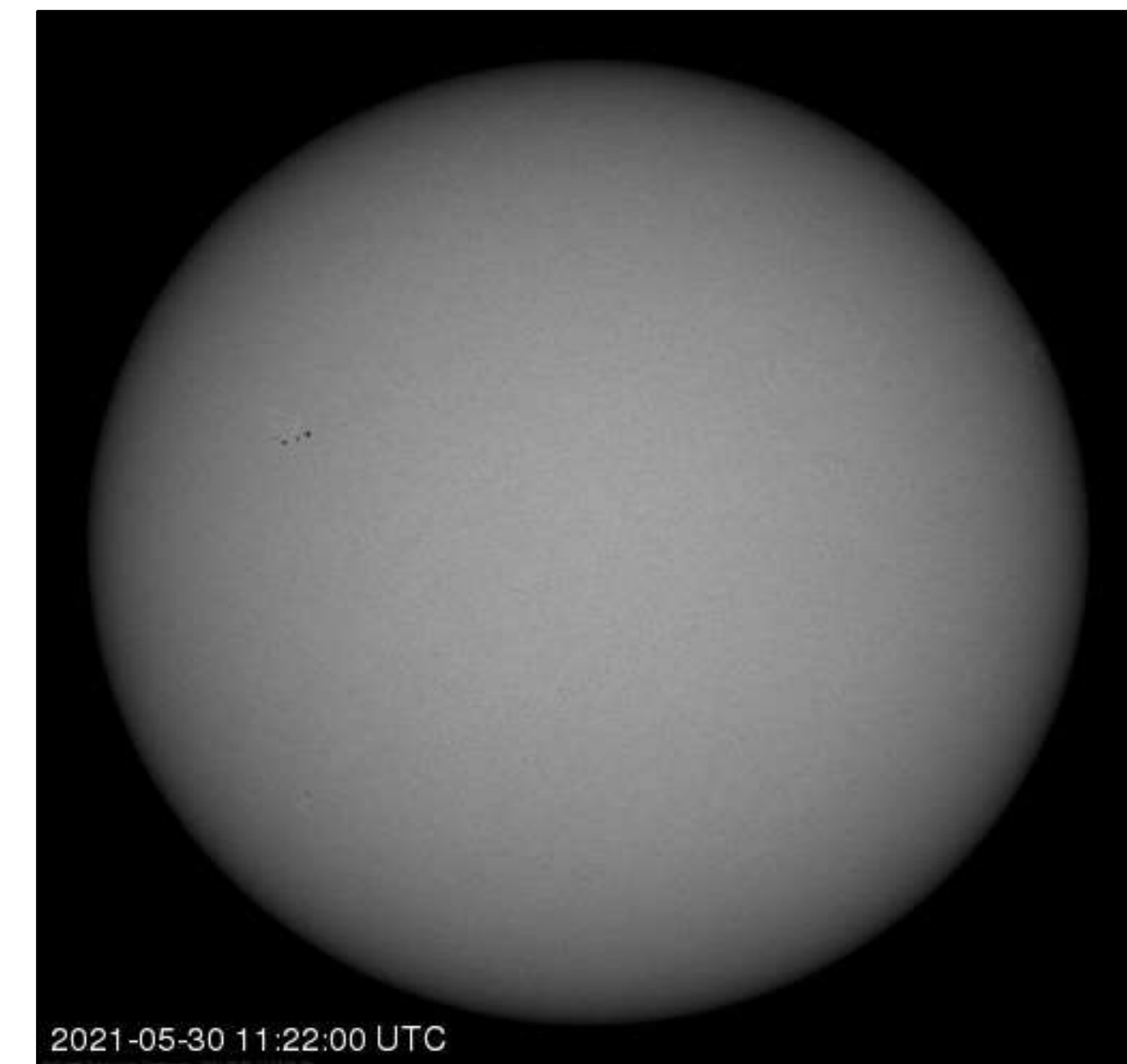
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	Sunday	Monday	Tuesday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Unsettled to Active (Max Kp = 4)
Solar Radiation Storm (S1-S5)	5%	1%	1%
Radio Blackout (R1-R2)	15%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov